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AUTHOR Lavin, David E.
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ABSTRACT

Among freshmen who entered the City University of New York (CUNY) in fall 1970, about 60 percent of the senior college enrollees and 41 percent of community college students were still enrolled or had graduated 3.5 years later. The retention-graduation rate of students with stronger high school averages was slightly higher than for those with weaker high school averages. Among students who left college, about 17 percent returned and were enrolled in the seventh semester or had graduated. High school average was positively associated with return rates. With regard to retention, graduation, and return rates, there was considerable variation among the colleges of CUNY. Comparison of the CUNY seven semester data with national eight semester data suggest that CUNY retention rates over eight semesters will be somewhat higher than has been the case nationally. (MJM)

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STUDENT RETENTION AND GRADUATION AT THE CITY UNIVERSITY OF NEW YORK: SEPTEMBER 1970 ENROLLEES THROUGH SEVEN SEMESTERS

by

David E. Lavin, Associate Professor
Herbert H. Lehman College

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Office of Program and Policy Research
CITY UNIVERSITY OF NEW YORK
535 East 80th Street
New York, N.Y. 10021

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INTRODUCTION

Since the advent of open admissions at the City University of New York (CUNY) in 1970, student retention has been a topic of major interest, both within the university, and among the public. A recent report (Lavin and Silberstein, 1974) described retention phenomena for the first entering freshman class over the period of four semesters. That study was able to track students who transferred from their original college to another CUNY campus. It was also able to count among the retained those students who left and later returned to CUNY. As a result of these refinements, the four semester retention rates were shown to be higher than was previously thought.

However, the significance of the findings was limited by the fact that the data covered only the first two years of open admissions. This report, covering a seven semester period (ending with the fall 1973 semester) for 1970 enrollees, thus represents an updating of the previous report.

The data are presented with an important qualification: Their reliability has not been thoroughly checked beyond four semesters. We have conducted certain preliminary tests which indicate no gross errors subsequent to the fourth semester, but further checking has not been completed, nor will it be,

until October or November, 1974. While final figures may be subject to some change, the preliminary checks suggest that such changes will be minor.[1]

The data also incorporate certain further improvements in the University's developing student information system.[2] First, many students previously missing from the files have now been added. Second, we now have incorporated into our files data for three colleges (John Jay, Bronx, and Hostos) which were missing from the earlier report. Third, students who transfer from full-time matriculated status in the day session to matriculation in the evening session are now counted as retained. Fourth, information on students who have graduated has been added to the files.

Note that inter-college transfer students are tracked and counted as retained at the college of their original enrollment.

The report presents data on retention, graduation, and the phenomena of return from temporary leave. The findings are also placed in the context of national retention and graduation data.

All findings are presented in terms of the fcllowing high school average categories:

High School Average	Senior College Label	Community College Label
Less than 70.0%	Level B	Level B
70.0 - 74.9%	Level A.1	Level A
75.0 - 79.9%	Level A.2	Regular 1
80.0% or above	Regular	Regular 2

At senior colleges open admissions students are in the Level B, Level A.1, and Level A.2 categories. At community colleges the open admissions students are in the Level B and Level A categories. These definitions allow one to compare senior college and community college students at all levels of high school average. We also present data on students for whom no information on high school average was available. This group consists of those who attained high school equivalency diplomas, students from outside of New York City, and others for whom the data were missing. The population includes special students (e.g. SEEK and other programs.)

RETENTION AND GRADUATION

Data are presented in terms of three indices: retention-graduation rate, net retention-graduation rate, and graduation rate alone. The retention-graduation rate refers to those who were matriculated without interruption for seven semesters, plus those who graduated within this time period without ever leaving college. The net retention-graduation rate is defined

by those students present for all seven semesters (including graduates), plus those who left, returned, and were present at any CUNY campus in the seventh semester. This net rate also includes students who dropped out, returned and graduated. The graduation rate includes all students who graduated. The graduation data are reported for both senior and community colleges, but they are primarily meaningful for the latter, since very few students at senior colleges graduate in less than four years (due to the fact that three summer sessions occurred within the seven semester period, it is possible to graduate in less than four years).

Data on overall retention-graduation rates are presented in Table 1. For the senior colleges about 60% were still in college after seven semesters or had graduated. This was true for about 41% at the community colleges. At the latter the figure includes 22% who had graduated. For the university as a whole, 52% were either enrolled in the seventh semester or had graduated.

The data take on added significance when considered within high school average categories. Results are presented in Tables 2-6.

For Level B senior college students, Table 2 shows that the net retention-graduation rate was 39%. Among individual campuses, the net rates were highest at York, Queens, and City College. At these campuses the net retention was be-

tween 45-50%. The rates were substantially lower at Baruch, John Jay, Lehman, and Brooklyn (approximately 35%).

For Level B community college students, the net retention-graduation rate was 35% (including 14% who had graduated). Students were most likely to have graduated or still be enrolled at Manhattan Community College and at Kingsborough.

Table 3 presents results for Level A.1 students at the senior colleges. The net retention-graduation rate for these students was 46.2%. The highest rates were exhibited by York and City College, where over 50% were in attendance in the seventh semester. John Jay, Hunter, and Baruch showed lower rates (under 45%).

At the community colleges the net retention-graduation rate for Level A students was 41.8%. Kingsborough and Manhattan were the two leading schools, while students at Hostos were least likely to have graduated or to be enrolled in the seventh semester.

Data for senior college Level A.2 students are exhibited in Table 4. The net retention-graduation rate for this group was 55.8%. The highest rates occurred at Queens (61.5%) and Brooklyn (60.5%), while John Jay showed the lowest rate by far (39.4%).

For the Regular 1 students in the community colleges, Table 4 shows that 47.1% had graduated or were still enrolled. Kingsborough and Manhattan were again the colleges with the

highest rates, while Hostos had the lowest rate (28.3%).

For regular senior college students, the results are presented in Table 5. Overall, the net retention-graduation rate was 70.2%. Queens (74.2%) and Brooklyn (73.4%) showed the highest rates, while students at John Jay (57.6%) and York (57.0%) had the lowest probability of graduating or being in attendance through the seventh semester.

For the community college Regular 2 students, 54.3% had graduated or were still enrolled. Again, Kingsborough and Manhattan ranked highest on this index, while Hostos ranked lowest.

Three major points emerge from these data. First, at both senior colleges and community colleges, the retention-graduation rate is positively associated with high school average. Second, although community college students were (expectedly) more likely to have graduated than senior college students, the combined retention-graduation figures were higher for the latter. Third, there was considerable variation among colleges. The explanations for such institutional variation are presently unclear.

RETURN RATES

We now consider the following question: Among students who left college at any time during the first six semesters, what proportion had either returned and were present for the

seventh semester, or returned and graduated? These data are presented in Tables 7-12.

Overall findings are presented in Table 7. They show the return-graduation rate to be 17.2% for the university as a whole. The rate for the senior colleges (18.5%) was slightly higher than for the community colleges (15.9%).

Among Level B senior college students, Table 8 indicates an overall return-graduation rate of 15.2%. Among individual colleges, the highest return rates occurred at York (22.9%) and Queens (21.9%). The lowest rates were John Jay (10.0%) and Brooklyn (12.6%). Thus, a York dropout was more than twice as likely to return than a student who left John Jay.

For Level B community college students, the return-graduation rate was 13.9%. If a student left college, the likelihood that he would return and/or graduate was greatest at Manhattan and Hostos (about 20%).

Table 9 presents the data for senior college Level A.1 students. The overall rate was 15.9%. York (21.1%) again showed the highest rate of return, while John Jay (10.0%) was again lowest.

The overall rate for the community college Level A students was 14.1%. This was most likely to occur at Manhattan, where 20% of the students returned and/or graduated. The rate was lowest at New York City Community College (8.7%).

Results for Level A.2 senior college students are shown

in Table 10. Among students who left, 18.3% had returned and/or graduated by the seventh semester. York and Lehman (over 20%) had the highest rates, while Baruch (11.7%) and John Jay (12.7%) had the lowest rates.

Table 10 also indicates the return-graduation rates for the Regular 1 community college students. Overall, the rate was 15.9%. It was again highest at Manhattan. The other colleges cluster rather closely around the community college average.

Among regular senior college students, Table 11 shows the return rate to be 20.9%. York again showed the highest rate (24.6%). The rate was lowest at Baruch (14.8%).

Among community college Regular 2 students, the return-graduation rate was 18.1%. The rate was highest at Staten Island and Hostos (27.3%), and lowest at New York City (13.5%), Bronx, and Kingsborough (14.0%).

In summary, we find that high school average is positively related to return-graduation rates for both senior and community colleges. However, this association is not a strong one. The combined return-graduation rates are slightly higher at the senior colleges than at the community colleges.

COMPARISON OF CUNY AND NATIONAL DATA

CUNY retention and graduation data are significant for the obvious reason that they are the prime indicator of whether CUNY is attaining a key open admissions aim; avoidance of the revolving door. What is the significance of the findings pre-

sented above for this question? In the earlier Lavin-Silberstein report, the question was assessed by comparing the CUNY data with national findings presented by Astin (1972). Four semester CUNY data were compared with eight semester national data. Although the time periods were different, such a comparison was not unreasonable: it indicated the distance of CUNY from the thresholds defined by the national data. Now, with preliminary data for seven semesters, the time periods become more comparable.

The data are shown in Table 13. For the senior colleges it now appears to be a reasonable expectation that CUNY retention after eight semesters will be somewhat above the national baseline. Thus, after eight semesters nationally, 38% of students with high school averages between 70-74 were either still enrolled or had graduated. After seven semesters, 46% of CUNY students in this category were still enrolled. We believe there is now a good chance that the CUNY senior college retention rates will be somewhat higher than the national average. The one exception to this expectation concerns the Level B students (less than 70 high school average). It now appears that the retention of this group may fall at, or slightly below the national average.

The above commentary focusses upon retention, but not graduation, since senior college students would not be expected to graduate after only seven semesters. However, for the community colleges, it is useful to separate graduation rates from retention rates for

comparison purposes. Table 13 indicates that national graduation rates for two year colleges (after four years) are higher than CUNY rates after three-and-a-half years. However, the combined CUNY retention-graduation rates are higher than the national rates. This suggests that the typical CUNY pattern of attendance followed by leave or partial leave, followed by return, has become accentuated since the advent of open admissions. In addition, of course, it was expected at the outset that the college career of many CUNY students would be extended because they would be required to take remedial work generating little or no credit.

SUMMARY

Among freshmen who entered CUNY in Fall, 1970, about 60% of the senior college enrollees and 41% of community college students were still enrolled or had graduated three-and-one-half years later. The retention-graduation rate of students with stronger high school averages was slightly higher than it was for those with weaker high school averages. Among students who left college, about 17% returned and were enrolled in the seventh semester or had graduated. High school average was positively associated with return rates.

With regard to retention, graduation, and return rates, there was considerable variation among the colleges of CUNY.

Comparison of the CUNY seven semester data with national eight semester data suggest to us that (with the exception of senior college Level B sudents) CUNY retention rates over eight semesters will be somewhat higher than has been the case nationally. However, it now seems that the time required for a CUNY student to graduate will be longer than the national average.

While the success of an educational experiment as complex as open admissions can never be summarized by means of only one indicator such as retention, these findings at least suggest that many of the dire predictions of four years ago about the inevitable revolving door may well prove erroneous.

NOTE

1. In particular, a check indicates that 530 students registered for the first semester of the freshman year, but had no academic records. These students have been defined as "no shows". That is, while registering, they never attended, but were not eliminated from the records at the colleges. These students have been excluded from the report.

2. Marianne Williams, Lee Vandiver, and Arthur Clausen of the CUNY Office of Management Data have been primarily responsible for these improvements.

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Astin, Alexander W., College Dropouts: A National Profile, Washington D.C.: American Council on Education, 1972

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TABLE 1

CUNY Retention, Net Retention and Graduation Rates By College

Fall 1970 Freshman Class

College	Total Matriculants	Total Present All Seven Sem. or Graduated Without Withdrawal	Retention/ Graduation Rate	Total Present in 7th Sem. or Graduated	Net Retention/Graduation Rate	Total Graduated	Graduation Rate
Baruch	1534	694	45.2	805	52.5	16	1.0
Brooklyn	4362	2536	58.1	2866	65.7	230	5.3
City	3093	1527	49.4	1843	59.6	59	1.9
Hunter	3091	1520	49.2	1801	58.3	64	2.1
John Jay	995	313	31.5	391	39.3	14	1.4
Lehman	2370	1096	46.2	1360	57.4	89	3.8
Queens	3458	2121	61.3	2407	69.6	106	3.1
York	848	353	41.6	464	54.7	12	1.4
SENIOR COLLEGE TOTALS	19751	10160	51.4	11937	60.4	590	3.0
Manhattan	1560	545	34.9	789	50.6	470	30.1
Bronx	1910	542	28.4	744	39.0	310	16.2
Hostos	551	96	17.4	172	31.2	36	6.5
Kingsborough	2707	961	35.5	1257	46.4	759	28.0
New York City CC	2450	800	32.7	994	40.6	598	24.4
Queensborough	3304	975	29.5	1294	39.2	714	21.6
Staten Island	2165	548	25.3	831	38.4	356	16.4
COMMUNITY COLLEGE TOTALS	14647	4467	30.5	6081	41.5	3243	22.1
CUNY TOTALS	34398	14627	42.5	18018	52.4	3833	11.1

TABLE 2

CUNY Retention, Net Retention and Graduation Rates for Level B Students by College
Fall 1970 Freshman Class

College	Total Matriculants	Total Present All Seven Sem. or Graduated Without Withdrawal	Retention/ Graduation Rate	Total Present in 7th Sem. or Graduated	Net Retention/Graduation Rate	Total Graduated	Graduation Rate
Baruch	182	42	23.1	62	34.1	1	0.5
Brooklyn	240	65	27.1	87	36.3	3	1.3
City	291	101	34.7	133	45.7	2	0.7
Hunter	165	43	26.1	67	40.6	1	0.6
John Jay	343	93	27.1	118	34.4	4	1.2
Lehman	193	49	25.4	69	35.8	2	1.0
Queens	141	45	31.9	66	46.8	0	0.0
York	108	38	35.2	54	50.0	0	0.0
SENIOR COLLEGE TOTALS	1663	476	28.6	656	39.4	13	0.8
Manhattan	426	139	32.6	196	46.0	97	22.8
Bronx	628	139	22.1	210	33.4	58	9.2
Hostos	145	30	20.7	52	35.9	11	7.6
Kingsborough	958	275	28.7	364	38.0	195	20.4
New York City CC	768	207	27.0	273	35.5	124	16.1
Queensborough	887	172	19.4	266	30.0	89	10.0
Staten Island	465	90	19.4	140	30.1	41	8.8
COMMUNITY COLLEGE TOTALS	4277	1052	24.6	1501	35.1	615	14.4
CUNY TOTALS	5940	1528	25.7	2157	36.3	628	10.6

TABLE 3

CUNY Retention, Net Retention and Graduation Rates for Level A.1 (Senior Colleges) and Level A (Community Colleges) Students by College
Fall 1970 Freshman Class

College	Total Matriculants	Total Present All Seven Sem. or Graduated Without Withdrawal	Retention/ Graduation Rate	Total Present in 7th Sem. or Graduated	Net Retention/Graduation Rate	Total Graduated	Graduation Rate
Baruch	295	103	34.9	131	44.4	1	0.3
Brooklyn	364	127	34.9	171	47.0	10	2.7
City	424	179	42.2	217	51.2	3	0.7
Hunter	381	130	34.1	165	43.3	2	0.5
John Jay	333	112	33.6	134	40.2	3	0.9
Lehman	368	125	34.0	171	46.5	9	2.4
Queens	137	47	34.3	63	46.0	0	0.0
York	202	79	39.1	105	52.0	3	1.5
SENIOR COLLEGE TOTALS	2504	902	36.0	1157	46.2	31	1.2
Manhattan	387	132	34.1	183	47.3	100	25.8
Bronx	642	199	31.0	266	41.4	117	18.2
Hostos	106	19	17.9	32	30.2	7	6.6
Kingsborough	786	330	42.0	398	50.6	246	31.3
New York City CC	675	229	33.9	268	39.7	165	24.4
Queensborough	1061	328	30.9	421	39.7	230	21.7
Staten Island	625	146	23.4	223	35.7	92	14.7
COMMUNITY COLLEGE TOTALS	4282	1383	32.3	1791	41.8	957	22.3
CUNY TOTALS	6786	2285	33.7	2948	43.4	988	14.6

TABLE 4

CUNY Retention, Net Retention and Graduation Rates for Level A.2 (Senior Colleges) and Regular 1 (Community Colleges) Students by College
Fall 1970 Freshman Class

College	Total Matriculants	Total Present All Seven Sem. or Graduated Without Withdrawal	Retention/ Graduation Rate	Total Present in 7th Sem. or Graduated	Net Retention/Graduation Rate	Total Graduated	Graduation Rate
Baruch	574	257	44.8	294	51.2	6	1.0
Brooklyn	659	342	52.0	399	60.5	17	2.6
City	703	314	44.7	386	54.9	6	0.9
Hunter	670	295	42.8	364	54.3	5	0.7
John Jay	170	52	30.6	67	39.4	4	2.4
Lehman	802	352	43.9	454	56.6	23	2.9
Queens	499	267	53.5	307	61.5	5	1.0
York	376	165	43.9	213	56.6	4	1.1
SENIOR COLLEGE TOTALS	4453	2044	45.9	2484	55.8	70	1.6
Manhattan	315	118	37.5	165	52.4	106	33.7
Bronx	383	127	33.2	168	43.9	86	22.5
Hostos	46	6	13.0	13	28.3	0	0.0
Kingsborough	414	211	51.0	245	59.2	182	44.0
New York City CC	474	182	38.4	223	47.0	160	33.8
Queensborough	823	285	34.6	355	43.1	237	28.8
Staten Island	465	156	33.5	207	44.5	96	20.6
COMMUNITY COLLEGE TOTALS	2920	1085	37.2	1376	47.1	867	29.7
CUNY TOTALS	7373	3129	42.4	3860	52.4	937	12.7

TABLE 5

CUNY Retention, Net Retention and Graduation Rates

For Regular Students (Senior Colleges) and Regular 2 (Community Colleges) Students by College

Fall 1970 Freshman Class

College	Total Matriculants	Total Present All Seven Sem. or Graduated Without Withdrawal	Retention/ Graduation Rate	Total Present in 7th Sem. or Graduated	Net Retention/Graduation Rate	Total Graduated	Graduation Rate
Baruch	461	285	61.8	311	67.5	7	1.5
Brooklyn	2875	1921	66.8	2110	73.4	190	6.6
City	1492	845	56.6	995	66.7	40	2.7
Hunter	1772	1012	57.1	1158	65.3	55	3.1
John Jay	85	39	45.9	49	57.6	3	3.5
Lehman	910	544	60.0	623	68.5	54	5.9
Queens	2597	1730	66.6	1925	74.1	99	3.8
York	121	52	43.0	69	57.0	4	3.3
SENIOR COLLEGE TOTALS	10313	6428	62.3	7240	70.2	452	4.4
Manhattan	150	77	51.3	92	61.3	74	49.3
Bronx	190	61	32.1	79	41.6	49	25.8
Hostos	13	2	15.4	5	38.5	0	0.0
Kingsborough	129	79	61.2	86	66.7	67	51.9
New York City CC	251	118	47.0	136	54.2	109	43.4
Queensborough	337	143	42.4	178	52.8	124	36.8
Staten Island	308	129	41.9	172	55.8	101	32.8
COMMUNITY COLLEGE TOTALS	1378	609	44.2	748	54.3	524	38.0
CUNY TOTALS	11691	7037	60.2	7988	68.3	976	8.3

TABLE 6

CUNY Retention, Net Retention and Graduation Rates
For Students With No High School Average By College

Fall 1970 Freshman Class

College	Total Matriculants	Total Present All Seven Sem. or Graduated Without Withdrawal	Retention/ Graduation Rate	Total Present in 7th Sem. or Graduated	Net Retention/Graduation Rate	Total Graduated	Graduation Rate
Baruch	22	5	22.7	7	31.8	1	4.5
Brooklyn	224	81	36.2	99	44.2	10	4.5
City	183	88	48.1	112	61.2	8	4.4
Hunter	103	40	38.8	47	45.6	1	1.0
John Jay	64	17	26.6	23	35.9	0	0.0
Lehman	97	26	26.8	43	44.3	1	1.0
Queens	84	32	38.1	46	54.8	2	2.4
York	41	19	46.3	23	56.1	1	2.4
SENIOR COLLEGE TOTALS	818	308	37.7	400	48.9	24	2.9
Manhattan	282	79	28.0	153	54.3	93	33.0
Bronx	67	16	23.9	21	31.3	0	0.0
Hostos	241	39	16.2	70	29.0	18	7.5
Kingsborough	420	66	15.7	164	39.0	69	16.4
New York City CC	282	64	22.7	94	33.3	40	14.2
Queensborough	196	47	24.0	74	37.8	34	17.3
Staten Island	302	27	8.9	89	29.5	26	8.6
COMMUNITY COLLEGE TOTALS	1790	338	18.9	665	37.2	280	15.6
CUNY TOTALS	2608	646	24.8	1065	40.8	304	11.7

TABLE 7
CUNY Return Rates After Seven Semesters
By College
Fall 1970 Freshman Class

College	Number of Students Who Withdrew	Total Returns in 7th Sem. or who Graduated	7th Sem. Return/ Graduation Rate
Baruch	840	111	13.2
Brooklyn	1826	330	18.1
CCNY	1566	316	20.2
Hunter	1571	281	17.9
John Jay	682	78	11.4
Lehman	1274	264	20.7
Queens	1337	286	21.4
York	495	111	22.4
SENIOR COLLEGE TOTALS	9591	1777	18.5
Manhattan	1015	244	24.0
Bronx	1368	202	14.8
Hostos	455	76	16.7
Kingsborough	1746	296	17.0
NYCC	1650	194	11.8
Queensborough	2329	319	13.7
Staten Island	1617	283	17.5
COMMUNITY COLLEGE TOTALS	10180	1614	15.9
CUNY TOTALS	19771	3391	17.2

TABLE 8
CUNY Return Rates After Seven Semesters
By College for Level B Students
Fall 1970 Freshman Class

College	Number of Students Who Withdrew	Total Returns in 7th Sem. or who Graduated	7th Sem. Return/ Graduation Rate
Baruch	140	20	14.3
Brooklyn	175	22	12.6
CCNY	190	32	16.8
Hunter	122	24	19.7
John Jay	250	25	10.0
Lehman	144	20	13.9
Queens	96	21	21.9
York	70	16	22.9
SENIOR COLLEGE TOTALS	1187	180	15.2
Manhattan	287	57	20.0
Bronx	489	71	14.5
Hostos	115	22	19.1
Kingsborough	683	89	13.0
NYCC	561	66	11.8
Queensborough	715	94	13.1
Staten Island	375	50	13.3
COMMUNITY COLLEGE TOTALS	3225	449	13.9
CUNY TOTALS	4412	629	14.3

TABLE 9
CUNY Return Rates after Seven Semesters
By College for Level A.1 (Senior Colleges) and Level A (Community Colleges) Students
Fall 1970 Freshman Class

College	Number of Students Who Withdrew	Total Returns in 7th Sem. or who Graduated	7th Sem. Return/ Graduation Rate
Baruch	192	28	14.6
Brooklyn	237	44	18.6
CCNY	245	38	15.5
Hunter	251	35	13.9
John Jay	221	22	10.0
Lehman	243	46	18.9
Queens	90	16	17.8
York	123	26	21.1
SENIOR COLLEGE TOTALS	1602	255	15.9
Manhattan	255	51	20.0
Bronx	443	67	15.1
Hostos	87	13	14.9
Kingsborough	456	68	14.9
NYCC	446	39	8.7
Queensborough	733	93	12.7
Staten Island	479	77	16.1
COMMUNITY COLLEGE TOTALS	2899	408	14.1
CUNY TOTALS	4501	663	14.7

TABLE 10
CUNY College Return Rates after Seven Semesters
By College for Level A.2 (Senior Colleges) and Regular 1 (Community Colleges) Students
Fall 1970 Freshman Class

College	Number of Students Who Withdrew	Total Returns in 7th Sem. or who Graduated	7th Sem. Return/ Graduation Rate
Baruch	317	37	11.7
Brooklyn	317	57	18.0
CCNY	389	72	18.5
Hunter	375	69	18.4
John Jay	118	15	12.7
Lehman	450	102	22.7
Queens	232	40	17.2
York	211	48	22.7
SENIOR COLLEGE TOTALS	2409	440	18.3
Manhattan	197	47	23.9
Bronx	256	41	16.0
Hostos	40	7	17.5
Kingsborough	203	34	16.7
NYCC	292	41	14.0
Queensborough	538	70	13.0
Staten Island	309	51	16.5
COMMUNITY COLLEGE TOTALS	1835	291	15.9
CUNY TOTALS	4244	731	17.2

TABLE 11
CUNY College Return Rates After Seven Semesters
By College for Regular (Senior Colleges) and Regular 2 (Community Colleges) Students
Fall 1970 Freshman Class

College	Number of Students Who Withdrew	Total Returns in 7th Sem. or who Graduated	7th Sem. Return/ Graduation Rate
Baruch	176	26	14.8
Brooklyn	954	189	19.8
CCNY	647	150	23.2
Hunter	760	146	19.2
John Jay	46	10	21.7
Lehman	366	79	21.6
Queens	867	195	22.5
York	69	17	24.6
SENIOR COLLEGE TOTALS	3885	812	20.9
Manhattan	73	15	20.5
Bronx	129	18	14.0
Hostos	11	3	27.3
Kingsborough	50	7	14.0
NYCC	133	18	13.5
Queensborough	194	35	18.0
Staten Island	179	43	24.0
COMMUNITY COLLEGE TOTALS	769	139	18.1
CUNY TOTALS	4654	951	20.4

TABLE 12
CUNY Return Rates after Seven Semesters
By College for Students with No High School Average
Fall 1970 Freshman Class

College	Number of Students Who Withdrew	Total Returns in 7th Sem. or who Graduated	7th Sem. Return/ Graduation Rate
Baruch	15	0	0.0
Brooklyn	143	18	12.6
CCNY	95	24	25.3
Hunter	63	7	11.1
John Jay	47	6	12.8
Lehman	71	17	23.9
Queens	52	14	26.9
York	22	4	18.2
SENIOR COLLEGE TOTALS	508	90	17.7
Manhattan	203	74	36.5
Bronx	51	5	9.8
Hostos	202	31	15.3
Kingsborough	354	98	27.7
NYCC	218	30	13.8
Queensborough	149	27	18.1
Staten Island	275	62	22.5
COMMUNITY COLLEGE TOTALS	1452	327	22.5
CUNY TOTALS	1960	417	21.3

TABLE 13

Relation of High School Average with Retention and Graduation: Comparison of National and CUNY Data
Fall 1970 Freshman Class:

4 Year Colleges

High School Average	Received Degree or Still Enrolled	
	National*	CUNY**
80+	63	70
75 - 79	48	56
70 - 74	38	46
Less than 70	38	39

* After 8 semesters
** After 7 semesters

2 Year Colleges

High School Average	Received Degree		Received Degree or Still Enrolled	
	National*	CUNY**	National*	CUNY**
80+	45	38	46	54
75 - 79	39	30	41	47
70 - 74	29	22	31	42
Less than 70	25	14	29	35

*After 8 semesters
**After 7 semesters

(Source for National Data: Astin, 1972, pp. 20, 22)

TABLE 14

Net Retention/Graduation Rates for Senior and Community Colleges by High School Average
Fall 1970 Freshman Class Through Seven Semesters

High School Average (CAA)	Senior Colleges	Community Colleges	Total CUNY
80+	70.2%	54.3%	68.3%
75 - 79	55.8	47.1	52.4
70 - 74	46.2	41.8	43.4
Less than 70	39.4	35.1	36.3
TOTAL	60.4% (19,751)	41.5% (14,647)	52.4% (34,398)